

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	69	electroless with (metal gold) same immobili\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 10/ 08 10:45
S2	68	(("4963498") or ("5571410") or ("5637469") or ("5866345") or ("5957579") or ("6103199") or ("6146489") or ("6146589") or ("6189660") or ("6214560") or ("6241560") or ("6333200") or ("6361958") or ("6479299") or ("6488872") or ("6488894") or ("6488896") or ("6551841") or ("6613512") or ("6709869") or ("6716620") or ("6742661") or ("6780584") or ("6794197") or ("6818184") or ("2002019059") or ("2002142618") or ("2003118486") or ("2003138969") or ("2003207328") or ("2004077074")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/ 10/ 08 11:19

S3	68	(("4963498") or ("5571410") or ("5637469") or ("5866345") or ("5957579") or ("6103199") or ("6146489") or ("6146589") or ("6189660") or ("6214560") or ("6241560") or ("6333200") or ("6361958") or ("6479299") or ("6488872") or ("6488894") or ("6488896") or ("6551841") or ("6613512") or ("6709869") or ("6716620") or ("6742661") or ("6780584") or ("6794197") or ("6818184") or ("2002019059") or ("2002142618") or ("2003118486") or ("2003138969") or ("2003207328") or ("2004077074")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/ 10/ 08 11:47
S4	8	S3 and opaque	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 10/ 08 11:47
S5	0	S3 and electroless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 10/ 08 11:52
S6	110	surface with enhanced with raman same immobili\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/ 10/ 08 12:20
S7	347	samuel with sia.in. linder with vincent.in. amir with parviz with babak.in. siegel with adam.in. whitesides with george.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/ 01/ 28 12:32

S8	63	S7 and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 12:33
S9	10	S8 and electroless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 12:33
S10	3	surface with enhanced with raman same immobili\$6 with microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 12:34
S11	41	surface with enhanced with raman same immobili\$6 and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 12:34
S12	2	("6146589").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/28 12:45
S13	9	surface with enhanced with raman same immobili\$6 and microfluidic and electroless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 12:49
S14	1	electroless and transmittance and (opacity opaque) same immobili\$6 and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 13:30
S15	10	electroless and transmittance and immobili\$6 and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 13:31
S16	8	metal with precursor and transmittance and immobili\$6 and microfluidic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 13:37

S18	63	("4,687,736" "4,775,636" "4,931,384" "5,116,734" "5,441,896" "5,491,098" "5,595,878" "5,607,863" "5,637,508" "5,939,252" "6,025,202" "6,277,489" "6,468,657" "6,602,669" "7,110,585" "20010002315" "20030139886" "20030211488" "20040014106" "20040086897" "20050059030" "20050130174" "20050141843" "20050282288" "20060014161" "20060014172" "20060084069" "20070041624" "20070148665" "20070298433").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 13:59
S19	66	("4,963,498" "5,571,410" "5,637,469" "5,866,345" "5,957,579" "6,103,199" "6,146,489" "6,146,589" "6,186,660" "6,214,560" "6,241,560" "6,333,200" "6,361,958" "6,479,299" "6,488,872" "6,488,894" "6,488,896" "6,551,841" "6,613,512" "6,709,869" "6,716,620" "6,742,661" "6,780,584" "6,794,197" "6,818,184" "20020019059" "2002142618" "20030118486" "2003138969" "2003207328" "2004077074").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 14:00
S20	8	("20040014106" "20040086897" "20040146917" "20040191921").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 14:00
S21	53	(S18 S19 S20) and (channel microfluid\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 14:11

S22	15	enhanc\$3 same colloid same silver near nitrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 16:08
S23	73	colloid same silver near nitrate with layer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 16:19
S24	2	colloid same silver near nitrate with layer and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 16:20
S25	960	colloid same layer and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 16:21
S26	822	colloid\$3 with layer and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 16:21
S27	2	colloid\$3 same silver near nitrate with layer and assay	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 16:21
S28	55	colloid\$3 with layer and assay and silver near nitrate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 16:23
S30	13	(composite with organic with inorganic with nanoparticle) and coin with (microfluidic microchannel channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 20:28
S31	0	nanoparticle with (microfluidic microchannel channel) same sandwich	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 20:34
S32	740	nanoparticle with (microfluidic microchannel channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 20:35
S33	133	nanoparticle with (microfluidic microchannel channel) and sandwich	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 20:35
S34	761	(microfluidic microchannel channel) same electroless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 21:22

S35	45	(microfluidic microchannel channel) same electroless and immobili\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 21:23
S37	16	detect\$3 with (gold Au silver Ag) with electroless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/28 21:35
S38	50	nanoparticle with label \$3 same (microfluidic microchannel channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/29 11:13
S39	101	colloid\$3 with label\$3 same (microfluidic microchannel channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/29 12:40
S40	20	colloid\$3 with label\$3 same (microfluidic microchannel channel) and sandwich	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/29 17:16
S41	374	silver with colloid\$3 with gold and colloid\$3 with gold with label\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/29 17:21
S42	163	S41 and (channel microchannel microfluidic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/29 17:21
S43	68	silver with coat\$3 with colloid\$3 with gold and colloid\$3 with gold with label\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/29 17:24
S44	2	("4979824").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/30 08:06
S45	20	(gold silver) with (colloid\$3 nanoparticle) with label\$3 same (microfluidic microchannel channel) and sandwich	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/30 08:44
S46	1794	(gold silver) with (colloid\$3 nanoparticle) with label\$3 and (microfluidic microchannel channel) and sandwich	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/30 08:45

S47	52	(gold silver) with (colloid\$3 nanoparticle) with label\$3 and sandwich same (microfluidic microchannel channel) and sandwich	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/30 08:45
S48	2	("5,858,804"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/30 09:01
S49	2	("6,176,991"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/30 09:02
S52	12	blackburn with gary.in. and recirculat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/30 09:20
S53	1794	(gold silver) with (colloid\$3 nanoparticle) with label\$3 and sandwich and (microfluidic microchannel channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/30 09:22
S54	457	(gold silver) with (colloid\$3 nanoparticle) with label\$3 and sandwich and (microfluidic microchannel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/30 09:29
S55	1	increas\$3 with (nanoparticle colloid\$3) with size with electroless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/30 14:11
S57	20	increas\$3 with (nanoparticle colloid\$3) with electroless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/30 14:11
S58	2	("20030064507"). PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/01/31 12:53
S59	109	(gold metal) with (colloid\$3 nanoparticle) with (transmittance reflectance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 14:17

S60	0	(gold metal) with (colloid\$3 nanoparticle) with (transmittance reflectance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 14:19
S61	3	(gold metal) with (colloid\$3 nanoparticle) with (transmittance reflectance) with fluorescen\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 14:23
S62	47	(gold metal) with (colloid\$3 nanoparticle) same (transmittance reflectance) same fluorescen\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 14:29
S63	144	(gold metal) with (colloid\$3 nanoparticle) same (transmittance reflectance transmission) same fluorescen\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 15:00
S64	5	(gold metal) with (colloid\$3 nanoparticle) same ((transmittance transmission) with reflectance) same fluorescen\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 15:00
S65	5	(gold metal) with (colloid\$3 nanoparticle) same ((transmittance transmission) same reflectance) same fluorescen\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 15:12
S66	106	(gold metal) with (colloid\$3 nanoparticle) same (transmittance transmission) same fluorescen\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 15:45
S67	81	(gold metal) with (colloid\$3 nanoparticle) same (transmittance transmission) same fluorescence	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 15:45
S70	136	(ag silver) with nitrate with electroless	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 16:19
S73	3	(ag silver) with nitrate with electroless same colloid\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 16:20

S75	28	(ag silver) with nitrate with electroless same gold	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 16:21
S76	8	fluorescence with (transmittance transmission)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 17:15
S77	0	fluorescence with (transmittance transmission) with (gold with (colloid\$3 nanoparticle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 17:21
S78	233	(transmittance transmission) with (gold with (colloid\$3 nanoparticle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 17:21
S79	0	fluorescence with (transmittance transmission) same (gold with (colloid\$3 nanoparticle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 17:21
S80	3	(transmittance transmission) with (gold with (colloid\$3 nanoparticle)) same (advantag\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 17:21
S81	9	(transmittance transmission) with detect\$3 with (gold with (colloid\$3 nanoparticle))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 17:27
S82	27085	light with (transmittance transmission) with detect\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 17:42
S83	9	light with (transmittance transmission) with detect\$3 same (gold with (nanoparticle colloid\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/01/31 17:42

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